

Converting Colors

XYZ(15.0862, 22.1045, 15.0288)

Have a look what the booklet for
XYZ(15.0862, 22.1045, 15.0288)
contains.

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Color

**XYZ(15.0876, 22.1045,
15.0267)**

Conversions

Conversions Part 1

Format	Color
Hex	4D8F62
RGB	77, 143, 98
RGB Percent	30%, 56%, 38%
CMY	0.6980, 0.4392, 0.6157
CMYK	0.46, 0.00, 0.31, 0.44
HSL	139°, 30%, 43%
HSV	139°, 46%, 56%
XYZ	15.0876, 22.1045, 15.0267
YIQ	118.1360, -24.8910, -27.9870

Conversions

Conversions Part 2

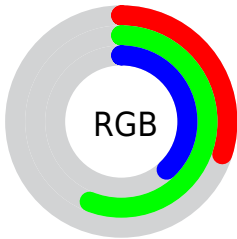
Format	Color
RYB	77, 127, 143
Decimal	5082978
CIELab	54.14, -31.59, 17.57
CIElCh	54, 36.150, 150.916
Yxy	22.1045, 0.2889, 0.4233
Android (android.graphics.Color)	4283273058 (0xFF4D8F62)
YUV	118.1360, -9.9270, -36.0763
Hunter-Lab	47.0154, -24.9950, 13.9610

Details

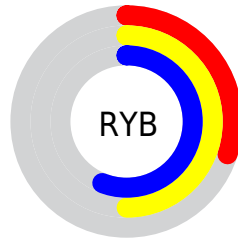
The XYZ color **15.0876, 22.1045, 15.0267** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **17.4951, 12.5529, 19.9139**, and the grayscale version is **17.2987, 18.1995, 19.8193**.

A 20% lighter version of the original color is **34.5970, 46.8483, 35.6529**, and **4.7780, 8.0755, 4.4389** is the 20% darker color. If you saturate the color by 10%, you get **13.6256, 21.4014, 12.7000**, and if you desaturate by 10%, it is **16.8606, 22.9626, 17.6618**.

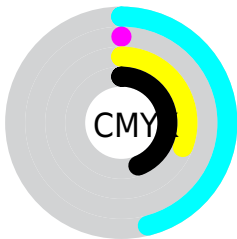
Distribution



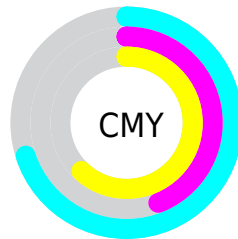
- Red (30%)
- Green (56%)
- Blue (38%)



- Red (30%)
- Yellow (50%)
- Blue (56%)



- Cyan (46%)
- Magenta (0%)
- Yellow (31%)
- Black (44%)



- Cyan (70%)
- Magenta (44%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0876, 22.1045, 15.0267 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 15.0876, 22.1045, 15.0267 by changing the saturation by 10% instead.

■ 15.0876, 22.1045,
15.0267

■ 15.0876, 22.1045,
15.0267

217.2737,
263.0915, 235.1741

■ 8.9676, 13.9337,
8.6913

■ 34.5772, 46.9187,
35.6430

■ 4.7770, 8.0746,
4.4463

■ 48.6775, 64.3308,
50.7609

■ 2.1504, 4.1427,
1.8733

■ 66.1686, 85.5922,
69.6435

■ 0.7164, 1.7537,
0.4756

■ 87.4158, 111.0872,
92.7092

■ 0.0000, 0.4581,
0.0000

■ 112.7846,
141.2003, 120.3765

■ 0.0000, 0.0000,
0.0000

142.6403,

176.3157, 153.0641

177.3482,
216.8180, 191.1905

■ 15.0876, 22.1045,
15.0267

■ 15.0876, 22.1045,
15.0267

■ 13.6256, 21.4014,
12.7000

■ 16.8606, 22.9626,
17.6618

■ 12.4539, 20.8412,
10.6687

■ 18.9599, 23.9817,
20.6144

■ 11.5523, 20.4141,
8.9212


■ 21.4022, 25.1707,
23.8953


■ 10.8967, 20.1081,
7.4447


■ 24.2021, 26.5369,
27.5143


■ 10.4514, 19.9051,
6.2248


■ 27.3737, 28.0874,
31.4806

 10.3062, 19.8391,
5.8196

 30.9301, 29.8288,
35.8034

 34.8839, 31.7674,
40.4912

 39.2470, 33.9091,
45.5523

 44.0308, 36.2598,
50.9950

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



17.3705, 22.1045, 9.8934



15.0876, 22.1045, 15.0267



14.3390, 22.1045, 24.4146

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



15.0876, 22.1045, 15.0267



21.1303, 22.1045, 52.7432



28.1616, 22.1045, 14.5945

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



15.0876, 22.1045, 15.0267



17.4951, 12.5529, 19.9139

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



29.4823, 22.1045, 23.7247



15.0876, 22.1045, 15.0267



25.1246, 22.1045, 47.7411

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



15.0876, 22.1045, 15.0267



17.5549, 22.1045, 48.2877



28.3082, 22.1045, 36.1586



24.8903, 22.1045, 9.7039

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



15.0876, 22.1045, 15.0267



14.7267, 22.1045, 32.6252



28.3082, 22.1045, 36.1586



28.8653, 22.1045, 17.1556

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



15.0882, 22.1054, 15.0272



39.2090, 45.5052, 43.9491



19.2030, 24.3266, 10.7047



8.7787, 10.3316, 9.7992



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



15.0882, 22.1054, 15.0272



24.3983, 38.3241, 22.7395



16.9736, 22.8596, 24.9558



5.4092, 6.0559, 6.1207



9.1210, 17.5443, 5.1914



0.0964, 0.1714, 0.0979

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



17.4951, 12.5529, 19.9139



29.2357, 19.0814, 32.5282



15.7895, 11.8707, 10.9326



5.5542, 5.4822, 6.4165



11.9541, 5.9386, 10.6753



0.1243, 0.0608, 0.1550

Previews

White Background



This preview shows how the XYZ color 15.0876, 22.1045, 15.0267 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 15.0876, 22.1045, 15.0267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.0876, 22.1045, 15.0267

Background



This preview shows how black text looks on a background with the XYZ color 15.0876, 22.1045, 15.0267.



This preview shows how white text looks on a background with the XYZ color 15.0876, 22.1045,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

15.0876, 22.1045, 15.0267

Protanopia

20.4295, 21.9622, 13.2876

Deuteranopia

22.1836, 21.8586, 15.6203



Tritanopia

18.4108, 22.1533, 31.3226

Trichromacy



Original Color

15.0876, 22.1045, 15.0267

Protanomaly

17.7479, 21.5714, 13.8179

Deuteranomaly

18.6336, 21.3831, 15.4572

Tritanomaly

17.0082, 22.0082, 24.4707

Monochromacy



Original Color

15.0876, 22.1045, 15.0267

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

16.0521, 19.2100, 17.9008

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0876, 22.1045, 15.0267 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(77, 143, 98)` looks like.

```
.text, #text, p{  
    color:rgb(77, 143, 98)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(77, 143, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 143, 98) }
```

Border

The CSS property to change the border of an element to XYZ 15.0876, 22.1045, 15.0267 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(77, 143, 98) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(77, 143, 98) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(77, 143, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 143, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 143, 98);  
box-shadow:4px 4px 4px 4px rgb(77, 143,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0876, 22.1045, 15.0267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 143, 98) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(77, 143,  
98) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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